

FORM PTO-1390
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

931A 3750 PCT

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**U.S. APPLICATION NUMBER
(if known, see 37 C.F.R. 1.5)**10/541296**

INTERNATIONAL APPLICATION NO.

PCT/CN2003/000594

INTERNATIONAL FILING DATE

July 24, 2003

PRIORITY DATE CLAIMED

December 30, 2002

TITLE OF INVENTION

SURFACE MODIFICATION METHOD IN FABRICATING HIGH TEMPERATURE
SUPERCONDUCTING DEVICES

APPLICANT(S) FOR DO/EO/US

ZHENGHE HAN, SANSHEG WANG, KAI WU and MENGLIN LIU

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (20) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not transmitted by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 19 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
18. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
19. ☒ Other items or information:
 - a. Copy of Form PCT/IB/301 (Notification of Receipt of Record Copy)
 - b. Copy of Form PCT/IB/304 (Notice re Submission or Transmittal of Priority Document)
 - c. Copy of Form PCT/IB/308 (Notice of Informing Application of Communication of International Application)
 - d. Copy of Form PCT/IB/210 (International Search Report)
 - e. Seven (7) sheets of drawings

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/541296</div>		INTERNATIONAL APPLICATION NUMBER PCT/CN2003/000594		ATTORNEY'S DOCKET NUMBER 931A 3750 PCT		
20. <input checked="" type="checkbox"/> The following fees are submitted:					CALCULATIONS PTO USE ONLY <hr/>	
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO of JPO \$1,000 International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$1,000 International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO \$770 International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$200 International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100						
ENTER APPROPRIATE BASIC FEE AMOUNT =						
Surcharge of \$130 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 C.F.R. 1.492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30						
CLAIMS	NUMBER FILED	NUMBER ALLOWED	NUMBER EXTRA	RATE		
Total claims	18	20	0	\$ 50	\$ 0	
Independent claims	2	3	0	\$ 200	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+	\$360	\$ 0	
TOTAL OF ABOVE CALCULATIONS =					\$1,000	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$500	
SUBTOTAL =					\$ 500	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30					\$ 0	
TOTAL NATIONAL FEE =					\$ 500	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40 per property					\$ 0	
TOTAL FEES ENCLOSED =					\$ 500	
\$					Amt. Refunded	\$
					Amt. charged	
a. <input checked="" type="checkbox"/> Checks in the amounts of \$ and \$ 500 to cover the above fees are enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 11-1445 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1445. A duplicate copy of this sheet is enclosed.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO: KODA & ANDROLIA 2029 Century Park East, Suite 1140 Los Angeles, CA 90067-2983 Dated: June 30, 2005						
					SIGNATURE William L. Androlia REG.NO. 27,177	
Form PTO-1390 (REV 10-2003)						

10/541296
JC14 Rec'd PCT/PTO 30 JUN 2005

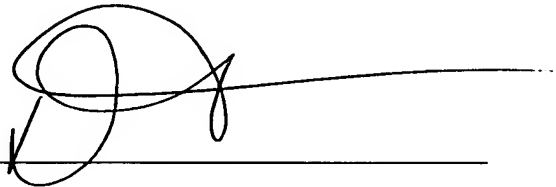
I hereby certify that this correspondence is being deposited with the United States Postal

Service as Express Mail No EV583379260US addressed to:

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

on June 30, 2005 by Daphne Turban.

Dated: 6/30/2005

By: 

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NTD

Applicant(s):

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MENGLIN LIU

FOR:

SURFACE MODIFICATION METHOD IN FABRICATING
TEMPERATURE SUPERCONDUCTING DEVICES